

ATTACHMENT 1
ENGLISH LANGUAGE ABSTRACT FOR DE 100 57 848 (Cited by Applicants)**M
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L1: Entry 1 of 2

File: DWPI

May 23, 2002

DERWENT-ACC-NO: 2002-445512

DERWENT-WEEK: 200248

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TITLE: Reactance filter e.g. for radio communications terminal, has at least one surface wave filter replaced by resonator cascade

INVENTOR: JAKOB, M; MEISTER, V ; RITTER, W

PATENT-ASSIGNEE:

ASSIGNEE	CODE
EPCOS AG	EPCON

PRIORITY-DATA: 2000DE-1057848 (November 22, 2000)

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> DE 10057848 A1	May 23, 2002		014	H03H009/64

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
DE 10057848A1	November 22, 2000	2000DE-1057848	

INT-CL (IPC): H03 H 9/25; H03 H 9/64

ABSTRACTED-PUB-NO: DE 10057848A

BASIC-ABSTRACT:

NOVELTY - The reactance filter is provided by a surface wave filter with a serial and/or parallel path containing at least one surface wave resonator having an interdigitated transducer. At least one surface wave resonator is replaced by a resonator cascade with a number of resonators (R1, R2) connected in series, provided with the same impedance as the surface wave resonator.

USE - The reactance filter can be used for a duplexer for a radio communications terminal.

ADVANTAGE - The reactance filter has a minimum surface area requirement and a reduced parasitic effect.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic representation

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<i>DB=DWPI; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L7	L6 and (overlap\$ near3 (finger or electrode or idt or interdigit\$)) (surface acoustic wave or surface wave or saw or elastic wave or acoustic	99
<input type="checkbox"/>	L6	wave) and (interdigit\$ or idt or electrode) and (finger or electrode) and overlap\$	158
<i>DB=JPAB; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L5	(surface acoustic wave or surface wave or saw or elastic wave or acoustic wave) and (interdigit\$ or idt or electrode) and (finger or electrode) and overlap\$	89
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L4	L2 and (interdigit\$ with (electrode or finger) with overlap\$)	63
<input type="checkbox"/>	L3	(surface acoustic wave or surface wave or elastic wave or acoustic wave and resonator and interdigit\$)	12346
<input type="checkbox"/>	L2	L1 and resonator and interdigit\$	997
<input type="checkbox"/>	L1	surface acoustic wave or surface wave or elastic wave or acoustic wave	21005

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<input type="checkbox"/>	L7	L6 and (busbar or bus bar)	12
<input type="checkbox"/>	L6	L3 and (mode near2 (double or dual or multiple or multi))	145
<input type="checkbox"/>	L5	L3 and (vertical with coupl\$)	20
<input type="checkbox"/>	L4	L3 and (transvers\$ with coupl\$)	11
<input type="checkbox"/>	L3	L2 and (filter or resonator)	3880
<input type="checkbox"/>	L2	surface acoustic wave or acoustic wave or surface wave or elastic wave or saw	22168
<i>DB=DWPI; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L1	10057848	2

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